

Notice of Allowability

Application No.

10/687,234

Applicant(s)

LEE, VAN HOA

Examiner

Art Unit

Fahmida Rahman

2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/23/2006.
2. ☒ The allowed claim(s) is/are 1-3, 5-8, 13, 16-17, 24-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Betty Formby on 7/13/2006.

In the claims:

1. Claim 1, line 9: Please replace "the second page" with --the subsequent page-- before "that is initialized".
2. Claim 13, line 10; Please replace "the page" with "a second page immediately" after "a first page and".
3. Claim 24, line 1: Please replace "computer readable tangible medium" with --computer readable recordable-type medium-- before "containing a program product".
4. Claim 24, line 4: Please replace "an apparatus" with --the apparatus--after "a first memory of".
5. Claim 24, line 8: Please replace "the page" with "a second page immediately" after "a first page and".
6. Claim 24, line 9: Please replace "said electronic device" with --the apparatus-- after "hardware on".

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7. Claim 25, line 9: Please replace "the first memory" with --the non-volatile memory-- after "while executing from".
8. Claim 26, line 3: Please replace "a non-volatile" with --the non-volatile-- after "a system memory; and".

In the specification:

1. Line 13, page 2: Please replace "as" with "is" after "boot code".
2. Line 16, Page 2: Please replace "varies" with "various" before "input/output".

In the abstract:

The faxed copy provides the new abstract.

Allowable Subject Matter

Claims 1-3, 5-8, 13, 16-17, 24-26 are allowable. The following is an examiner's statement of reasons for allowance:

The independent claims 1, 13, 24 recite the limitations "a code/instruction is written/stored at the end of a first page and the subsequent/following page is un-initialized, such that hardware/processor will disable instruction caching for the second page that is un-initialized" along with other limitations, which prior art did not disclose.

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The independent claims 25 and 26 recite the limitations "instruction to enable instruction caching is stored at the end of a first page in the non-volatile memory" and "the storage location of the first instruction provides that instruction caching be software enabled from the non-volatile memory but be hardware inhibited until execution passes from the non-volatile memory to the cache memory" along with other limitations, which were not disclosed by prior art.

The other claims are dependent claims, which further narrow the respective independent claims. Therefore, they are allowable too.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fahmida Rahman whose telephone number is 571-272-8159. The examiner can normally be reached on Monday through Friday 8:30 - 5:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on 571-272-3670. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Fahmida Rahman
Examiner
Art Unit 2116


LYNNE H. BROWNE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100